RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/978,564

Source: CIPE

Date Processed by STIC: 11/2/01

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
http://www.uspto.gov/web/offices/pac/checker

Raw Sequence Listing Error Summary

ERROR DETECTED   **SUGGESTED CORRECTION**   SERIAL NUMBER: ⎡¹/¹⁻⁵ **564**

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1_____Wrapped Nucleics   The number/text at the end of each line "wrapped" down to the next line. This may occur if your file
  Wrapped Aminos   was retrieved in a word processor **after** creating it. Please adjust your right margin to 3, this will
  .   prevent "wrapping."

2_____Invalid Line Length   The rules require that a line **not exceed 72** characters in length. This includes white spaces.

3_____Misaligned Amino   The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers,
  Numbering   use **space characters**, instead.

4_____Non-ASCII   The submitted file was not saved in ASCII(DOS) text, as **required** by the Sequence Rules. **Please
  ensure your subsequent submission is saved in ASCII text.**

5_____Variable Length   Sequence(s)____contain n's or Xaa's representing more than one residue. **Per Sequence Rules,
  each n or Xaa can only represent a single residue.** Please present the **maximum** number of each
  residue having variable length and indicate in the <220>-<223> section that some may be missing.

6_____PatentIn 2.0   A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid
  "bug"   sequences(s) _____. Normally, PatentIn would automatically generate this section from the
  previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to
  the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for
  Artificial or Unknown sequences.**

7_____Skipped Sequences   Sequence(s) _____ missing. If intentional, please insert the following lines for **each** skipped sequence
  (OLD RULES)   (2) INFORMATION FOR SEQ ID NO X (insert SEQ ID NO where "X" is shown)
  (i)   SEQUENCE CHARACTERISTICS (Do not insert any subheadings under this heading)
  (xi) SEQUENCE DESCRIPTION:SEQ ID NO X (insert SEQ ID NO where "X" is shown)
  This sequence is intentionally skipped

  Please also adjust the "(ii) NUMBER OF SEQUENCES." response to **include** the skipped sequences.

8_____Skipped Sequences   Sequence(s) _____ missing. If **intentional**, please insert the following lines for **each** skipped sequence
  (NEW RULES)   <210> sequence id number
  <400> sequence id number
  000

9_____Use of n's or Xaa's   Use of n's and/or Xaa's have been detected in the Sequence Listing.
  (NEW RULES)   Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
  In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents

10_____Invalid <213>   Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or
  Response   scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or
  is Artificial Sequence

11_____Use of <220>   Sequence(s) |⁵⁻ missing the <220> "Feature" and associated numeric identifiers and responses.
  Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or
  "Unknown." Please explain source of genetic material in <220> to <223> section.
  (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (See 1.823 of Sequence Rules)

12_____PatentIn 2.0   Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file,
  "bug"   resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence
  listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk

OIPE

RAW SEQUENCE LISTING   DATE: 11/02/2001
PATENT APPLICATION: US/09/978,564   TIME: 15:25:17

Input Set : A:\Seq__Listing_for_P2630P1C25.wpd
Output Set: N:\CRF3\11022001\I978564.raw

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 3  <110> APPLICANT: Ashkenazi, Avi
 4         Baker Kevin P.
 5         Botstein, David
 6         Desnoyers, Luc
 7         Eaton, Dan
 8         Ferrara, Napoleon
 9         Filvaroff, Ellen
10         Fong, Sherman
11         Gao, Wei-Qiang
12         Gerber, Hanspeter
13         Gerritsen, Mary E.
14         Goddard, Audrey
15         Godowski, Paul J.
16         Grimaldi, J. Christopher
17         Gurney, Austin L.
18         Hillan, Kenneth J
19         Eljavin, Ivar J.
20         Kuo, Sophia S.
21         Napier, Mary A.
22         Pan, James;
23         Paoni, Nicholas F.
24         Roy, Margaret Ann
25         Shelton, David L.
26         Stewart, Timothy A.
27         Tumas, Daniel
28         Williams, P. Mickey
29         Wood, William I.
31  <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
32         Acids Encoding the Same
34  <130> FILE REFERENCE: P2630P1C25
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/978,564

DATE: 11/02/2001
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PATENT APPLICATION: **US/09/978,564**   TIME 15:25:17

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PATENT APPLICATION: US/09/978,564   TIME: 15:25:17

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RAW SEQUENCE LISTING
PATENT APPLICATION   US/09/978,564

DATE: 11/02/2001
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VERIFICATION SUMMARY   DATE: 11/02/2001
PATENT APPLICATION N: US/09/978,564   TIME: 15:25:18

Input Set : A:\Seq__Listing_for_P2630P1C25.wpd
Output Set: N:\CRF3\11022001\I978564.raw

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L:36 M:271 C: Current Filing Date differs, Replaced Current Filing Date
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L:379 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:445 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
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VERIFICATION SUMMARY   DATE: 11/02/2001
PATENT APPLICATION: US/09/978,564   TIME: 15:25:18

Input Set : **A:\Seq__Listing_for_P2630P1C25.wpd**
Output Set: **N:\CRF3\11022001\I978564.raw**

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tgactggctt ctggggcgag cctagtagct cctgcaggca gggccagttt 1850

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Met Gly Leu His Leu Arg Pro Tyr Arg Val Gly Leu Leu Ile Arg

Gly Leu Leu Phe Leu Leu Leu Leu Leu Met Leu Leu Ala Asn Pro

Ala Leu Pro Ala Gly Arg His Pro Pro Val Val Leu Val Pro Gly
                                           40   45

Asp Leu Gly Asn Gln Leu Glu Ala Lys Leu Asp Lys Pro Thr Val

Val His Tyr Leu Lys Ser Lys Lys Thr Glu Ser Tyr Phe Thr Ile

Trp Leu Asn Leu Glu Leu Leu Leu Pro Val Ile Ile Asp Cys Trp

Ile Asp Asn Ile Arg Leu Val Tyr Asn Lys Thr Ser Arg Ala Thr

Gln Phe Pro Asp Gly Val Asp Val Arg Val Pro Gly Phe Gly Lys

Thr Pro Ser Leu Glu Phe Leu Asp Pro Arg Lys Ser Ser Val Gly

Ser Tyr Phe His Thr Met Val Glu Ser Leu Val Gly Trp Gly Tyr

Thr Arg Gly Glu Asp Val Arg Gly Ala Pro Tyr Asp Trp Arg Arg

Ala Pro Asn Glu Asn Gly Pro Tyr Phe Leu Ala Leu Arg Glu Met

Ile Glu Glu Met Tyr Gln Leu Tyr Gly Gly Pro Val Val Leu Val

Ala His Ser Met Gly Asn Met Tyr Thr Leu Tyr Phe Leu Gln Arg

Gln Pro Gln Ala Trp Lys Asp Lys Tyr Ile Arg Ala Phe Val Ser

Leu Gly Ala Pro Trp Gly Gly Val Ala Lys Thr Leu Arg Val Leu

Ala Ser Gly Asp Asn Asn Arg Ile Pro Val Ile Gly Pro Leu Lys

Ile Arg Glu Gln Gln Arg Ser Ala Val Ser Thr Ser Trp Leu Leu